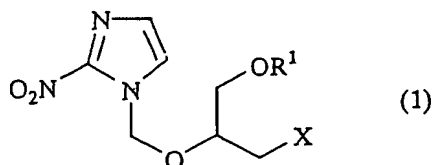


Abstract

A nitroimidazole derivative represented by the following formula (1):



[wherein R¹ represents a hydrogen atom or a C1-C4 alkanoyl group; and X represents a fluorine atom or an isotope thereof], and a diagnostic imaging agent containing the derivative as an active ingredient.

The derivative enables imaging of the ischemic sites of a circulatory organ or imaging of cancer cells, and thus the derivative can provide information about the position and the amount of the ischemic sites or the cancer cells. Therefore, the derivative contributes to selection of appropriate treatment of ischemia or cancer.